From wang!elf.wang.com!ucsd.edu!info-hams-relay Thu Mar 21 16:41:39 1991 remote
from tosspot
Received: by tosspot (1.63/waf)
     via UUCP; Thu, 21 Mar 91 21:27:59 EST
     for lee
Received: from somewhere by elf.wang.com
     id aa19430; Thu, 21 Mar 91 16:41:38 GMT
Received: from ucsd.edu by news.UU.NET with SMTP
     (5.61/UUNET-shadow-mx) id AA05206; Thu, 21 Mar 91 09:49:19 -0500
Received: by ucsd.edu; id AA18276
     sendmail 5.64/UCSD-2.1-sun
     Thu, 21 Mar 91 04:30:22 -0800 for nixbur!schroeder.pad
Received: by ucsd.edu; id AA18272
     sendmail 5.64/UCSD-2.1-sun
     Thu, 21 Mar 91 04:30:21 -0800 for /usr/lib/sendmail -oc -odb -oQ/var/spool/
lqueue -oi -finfo-hams-relay info-hams-list
Message-Id: <9103211230.AA18272@ucsd.edu>
Date: Thu, 21 Mar 91 04:30:20 PST
From: Info-Hams Mailing List and Newsgroup <info-hams-relay@ucsd.edu>
Reply-To: Info-Hams@ucsd.edu
Subject: Info-Hams Digest V91 #215
To: Info-Hams@ucsd.edu

Info-Hams Digest Thu, 21 Mar 91 Volume 91 : Issue 215

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 20 Mar 91 22:55:44 GMT
From: brian@ucsd.edu
Subject: Administrivia
To: info-hams@ucsd.edu

The mail/usenet gateway for this group has been moved from ucbvax
to ucsd.

You shouldn't notice any real difference in the way it works.
     - Brian

Date: 20 Mar 91 23:54:02 GMT
From: news-mail-gateway@ucsd.edu
Subject: MAJOR SOLAR FLARE ALERT - 20 MARCH
To: info-hams@ucsd.edu

-- MAJOR SOLAR FLARE ALERT --

MARCH 19, 1991

Flare Event Summary
Potential Impact Assessment

MAJOR ENERGETIC EVENT SUMMARY

Region 6555 spawned a major class M7.0/1F flare at 06:16 UT on 20 March. The event began at 05:26 UT, peaked at 06:16 UT and ended at 06:18 UT on 20 March. The event occurred at a location of S25E50. There were no radio signatures observed with this event. No sweeps were observed either.

Region 6555 appears quite formidable in white and H-alpha light. It is an impressive region to see, and contains a very large penumbral area with large spots encompassed within the penumbra.

POTENTIAL TERRESTRIAL IMPACT ASSESSMENT

This major class M7.0/1F flare will not have a terrestrial impact. It was radio-quiet and was rather weak as far as major flares go.

Region 6555 has the potential to produce major flaring. Minor M-class flaring will certainly be observed from this region over the coming week, probably intermixed with occassional isolated major flares.

Region 6545 has decayed to the point now where major flaring is not

likely to be observed. Minor M-class flaring could continue, but major flaring is no longer a real threat from this region.

     A bulletin will be released near 06:00 UT on 21 March to reflect the decreased flare probabilities and update the warnings.

** End of Alert **

Date: Wed, 20 Mar 91 12:34:33 -0800
From: Doug Faunt N6TQS 415-688-8269 <faunt@cisco.com>
Subject: mods for HR2600
To: stan@suntzu.West.Sun.COM

Look in the April 1991 issue of 73, page 59, middle of right hand side. ChipSwitch, 4773 Sonoma Hwy., Suite 132, Santa Rosa CA 95409-4269, is selling a replacement CPU for 2510's and 2600's for $60. I don't know if they're real or not. Maybe one of the info-hams/rec.ham-radio readers can check the location out for you.

73, doug

Date: 21 Mar 91 08:00:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: SOLAR TERRESTRIAL BULLETIN - WARNING UPDATE - 21 MARCH
To: info-hams@ucsd.edu

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SOLAR TERRESTRIAL BULLETIN

21 March, 1991

Solar Terrestrial Warning Updates
Solar Information Update

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UPDATED WARNING INFORMATION

     The potential for major flaring has declined with the continuing decay of Region 6545. Major flaring is still possible, but will probably originate from Region 6555. The warnings have been updated as follows:

Cancelled Warnings:

- POTENTIAL PROTON FLARE WARNING
- POTENTIAL PCA ACTIVITY WARNING

Warnings still in effect:

- POTENTIAL SOLAR MAJOR FLARE WARNING
- POTENTIAL SATELLITE PROTON EVENT WARNING

These warnings will continue to be updated as necessary.

SOLAR INFORMATION UPDATE

Region 6545 (S08W57) does not appear to be capable of producing any further major flaring. It has decayed to the point where major flares are unlikely from this region. It currently consists of 27 spots encompassed in an FAI type optical configuration. The region has decayed to a beta magnetic configuration. Although major flaring is not likely from this region, continued low-level M-class flaring is possible.

The most threatening region currently visible is Region 6555 (S24E41), which has now been analyzed in greater detail. This region is very large (6,810 million square kilometers in area) and encompasses 64 visible spots in an FKI optical configuration. It has a magnetic beta configuration at the present time. Development into a more threatening magnetic structure is certainly possible. The region has an east-west inversion line. Some shear is present in this group. This, combined with the complexity of the system as a whole, could be enough to spawn an isolated major flare. This region could easily evolve into a major flaring source. At the present time, numerous M-class flares have been observed from this region. It is currently a fairly active region, but is not yet a major threat.

An impressive surge was seen on the west limb today. The region most likely responsible is Region 6538, which is beyond the west limb now. The surge was bright and was observed between 03:40 UT and 05:12 UT on 20 March. The event was associated with an M1.9 x-ray burst at 03:33 UT and was also responsible for a moderate intensity Type II sweep which drifted from 110 MHz to 22 MHz. The surge was ejected out to a distance of about 0.3 solar radii.

** End of Bulletin **

End of Info-Hams Digest
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